

Middle Level Home Learning Week 7

Select activities from the Bingo Card below to complete at home. Try to fill in one complete line for a BINGO or do random squares that peak your interest. We hope you have fun doing the activities. :-)

B	I	N	G	O
ASD-N's Weekly Stem Challenge				
<p>The Challenge:</p> <p>Habitat loss poses the greatest threat to species. The world's forests, swamps, plains, lakes, and other habitats continue to disappear as they are harvested for human consumption and cleared to make way for agriculture, housing, roads, pipelines, etc. We can make a difference by learning more about our local habitats. Your challenge is to observe and compare 2 circular sections of Earth (hula hoop size or larger!). Which plot has the greatest number of species? Can you identify them all? What questions do you have based on your observations?</p>	<p>The Art of Invention: Ever see an invention and think you could have done a better job? Ever ponder about how an invention could be improved upon? Read "Inventing the Perfect Umbrella."</p> <p>https://www.tweentribune.com/article/tween78/inventing-perfect-umbrella/</p> <p>When you are done reading, consider how you would create the perfect umbrella, if you were given the task. What modifications would you make? Create a sketch and submit a written description of your new and improved umbrella prototype. Be very detailed in size, dimensions, materials, etc... In a second paragraph, describe another item / invention that you think needs to be improved and why. (Immersion students are to do this activity in French).</p>	<p>Word challenge: Using the code below, try to answer the following questions. Try challenging someone to see who can answer the question correctly. You could also create your own questions. <i>Tweak the challenge by creating your own code with a few negative numbers.</i></p> <p style="text-align: center;">\$100 Word Challenge</p> <p>A \$1 H \$8 O \$15 V \$22 B \$2 I \$9 P \$16 W \$23 C \$3 J \$10 Q \$17 X \$24 D \$4 K \$11 R \$18 Y \$25 E \$5 L \$12 S \$19 Z \$26 F \$6 M \$13 T \$20 G \$7 N \$14 U \$21</p> <p>What word is worth \$100? What is the value of your name? What would be the most expensive word possible? What would be the least expensive word?</p>	<p>The 5 Kingdoms - Science</p> <p>In the classification of living things there are 5 kingdoms: Monera, Protist, Plant, Animal, and Fungi.</p> <p>Monera – Includes organisms like bacteria.</p> <p>Protist – Includes single-celled organism like amoebas and some algae.</p> <p>Plant – Includes trees, flowers, grasses, etc.</p> <p>Animal – Includes cows, sea turtles, humans, etc.</p> <p>Fungi – Includes white mushrooms, chaga, etc.</p> <p>Go on a nature walk or for a stroll through your community or virtually, and find living things from 3 of the 5 kingdoms.</p>	<p>Creative Corner: Think like an illustrator and finish the image below. You can add as many details to this drawing in order to make it yours. Be creative and have fun! Your drawing will become the inspiration for your story. When you have finished illustrating, you will then describe, with lots of details, what is happening in this image. Ex: Who is the cook? What is his/her name? How did he/she become a cook? What is he/she cooking? When is this taking place? Where is it taking place? How did he/she create this recipe? What is he/she preparing and for whom? Why is this recipe so special? Remember to think of the 5 senses (smell, vision, touch, hearing and taste) as you are creating the story that goes with this image. Be creative and have fun.</p> <p>https://www.education.com/download/worksheet/80975/finish-the-drawing-cook.pdf</p>
<p>Scientific Analysis:</p> <p>After careful observation, decide on a way to classify the various examples of leaves, insects or flowers from your challenge in your journal. You can use drawings, a table or create a Dichotomous Key to help you classify.</p>	<p>Kenken – Math</p> <p>Kenkens are basically high IQ sudokus, which we know you are all capable of doing. In a kenken, you need to follow the rules of sudoku but also follow the rules of the operations (x, -, +, ÷) in the boxes.</p> <p>Start with a 3 x 3 game until you get the gist of it.</p>	<p>Mystery Sleuth . . .</p> <p>Do you have what it takes to be a crime solving detective? Read the following Mystery "And Then There Was One . . ." by Bill Doyle. See if you uncover the clues and solve the mystery. When you have figured out who is behind the shenanigans, write an amazing ending to the story. Remember your story must logically follow the already</p>	<p>Rooftop Challenge – Phys. Ed</p> <p>Find a bouncy ball (tennis balls are the best) and a roof. It could be on your house or on your shed or garage.</p> <p>Here's the challenge:</p> <p><u>Do each challenge 10 times.</u></p>	<p>Test your typing skills!</p> <p>Here's a website link that you will be able to login for free. You will be able to test your typing skills. And then, follow lessons in order to learn how to type faster.</p> <p>https://www.typingpal.com/en</p>

<https://www.enchantedlearning.com/subjects/plants/activity/key.shtml>

<http://www.kenkenpuzzle.com/game>

Below is an example of a solved kenken

3+		5+
2	1	3
3÷	3	
1	3	2
	1-	
3	2	1

established story line. Be detailed ... Be Descriptive... Use amazing word choice ... and Most Importantly Have Fun.

<http://drhs.nbed.nb.ca/ms-k-harquail/document/and-then-there-was-one-mystery-story>

1. Throw ball on roof let it bounce, catch on one bounce with two hands.
2. Throw ball with right hand, let it bounce, catch on one bounce with right hand.
3. Throw ball with left hand, let it bounce, catch on one bounce with left hand.
4. Throw ball with either hand, spin as many times as you can, and catch on one bounce with two hands.
5. Throw ball, do as many pushups or situps that you can, catch on one bounce with two hands.

Read ... Reflect ... React :

Read these 13 simple tips about how you can help protect habitats around you. Your actions make a difference! How do you think this habitat has changed over time? What positive or negative effects have humans had on this area?

<https://kids.nationalgeographic.com/explore/nature/save-the-earth-hub/13-ways-to-save-the-earth-from-habitat-destruction/>

Famous Structures: Around the world there are many famous manmade structures that countries are well known for. Many have very unique histories and little-known facts. Watch this video on Italy's Leaning Tower of Pisa.

<https://ed.ted.com/lessons/why-doesn-t-the-leaning-tower-of-pisa-fall-over-alex-gendler#review>

When you are done watching the video, select another famous structure and research its history. Create an information pamphlet displaying what you uncovered in your research. Remember your pamphlet should have a mixture of pictures and information. It should have headings for the different sections of information. Some structures you could research include: China's Great Wall, India's Taj Mahal, The CN Tower, The Eiffel Tower, The Sydney Opera House, The Empire State Building, and there are many more around the world - just google famous buildings around the world.

Ready for a challenge!

Go join Brilliant Labs and check out their Daily Challenges. You can join them every weekday at 10am AST for a new Make-At-Home activity & at 1pm for an Outdoor activity or a Digital Learning skill while schools are closed.

<https://www.brilliantlabs.ca/makerfun>


Outdoor Math Scavenger Hunt:

Are you a math wizard? Do you recognize math concepts all around you? Are you able to conquer these math challenges in order to successfully complete the math scavenger hunt and collect all the items? Math plays a significant role in the world and can be found throughout nature. Are you up for the challenge? Click on the link and follow the instructions to conquer the Math Scavenger Hunt.

<http://drhs.nbed.nb.ca/ms-k-harquail/document/outdoor-math-scavenger-hunt>

Math Transcends Limits: Use 75% of the items you gathered in your Outdoor Math Scavenger Hunt to create a 3D art piece or sculpture. Send us pictures of your creations.



<p>Numeracy:</p> <p>Using the hula hoop or your circular object you used for the challenge, find the following information:</p> <p>Diameter: _____</p> <p>Radius: _____</p> <p>Circumference: _____</p> <p>Surface Area: _____</p> <p>Click the link below for a quick lesson on surface area of a circle.</p> <p>https://www.youtube.com/watch?v=sfVOoMRLwA</p>	<p>Visual Poem: Many people are using art to express themselves and deal with their emotions. Helen Tang, a medical student at the University of Saskatchewan, created a series of visual art pieces to express her feelings. One is featured below.</p>  <p>Create a visual art piece or visual poem to express your feeling about what's being going on in the world around us. A visual poem is a poem written in a way where the lines of the poem create an image related to the topic or theme. I have attached some blank templates you can use to get your started or you can create your own. Please share your creations with us. (Immersion students. Please create bilingual writing pieces.)</p> <p>http://drhs.nbed.nb.ca/ms-k-harquail/document/visual-art-template-options</p>	<p>Language Arts – Tongue Twister</p> <p>Last week we practiced tongue twisters, practicing Peter Piper.</p> <p>Now it's our turn to make our own tongue twisters.</p> <p>The repetition of sound or the same letter is called alliteration. For example, Justin jumped over Jim's jars of jello jigglers this June in Jellystone because Jim</p> <p>We are going to use our alliterative writing skills to make our own tongue twisters.</p> <ul style="list-style-type: none"> • What did the person do? It must begin with the letter of their name, eg. jumped • Where is the person? It must begin with the letter of her name, eg. Jellystone. • When did this activity occur? It must begin with the letter of her name eg. January <p>Have fun saying this 5 times fast.</p>	<p>Ratio Stick Figure Challenge</p> <p>Using ratios, make a stick figure model of yourself to scale.</p> <p>Find a twig that is about half the size of your pinky finger. This is a 2:1 ratio (Your finger is twice the size of the twig as the twig is half the size of your finger).</p> <p>Continue to make the stick figure for the rest of your body by using twigs that are always half the size of the body part.</p> <p>You could even learn the names of the bones as you go. No sticks to use, try lego, straws, rocks, string, etc.</p>	<p>Novel Study - Week 2:</p> <p>Congrats on finishing week 1 assignments. This week read your next section of pages. Continue to write a reading log each time you read.</p> <p>When you have completed the reading allotment for this week, please complete the Character Sketch Mini Assignment.</p> <p>We would love to hear about your books. Please message us on messenger or using our teacher email to tell us what you are reading and about your books.</p> <ul style="list-style-type: none"> ★ If you did not select this card last week, it's not too late to start. Look at last week's Bingo card for instructions. Divide the total number of pages in your book by 3 instead of 4 and complete all the assignments. ★ Immersion students can choose to do this activity for their ELA class, FILA class or both. <p>http://drhs.nbed.nb.ca/ms-k-harquail/document/character-sketch-mini-assignment</p>
<p>Edible Art!</p> <p>Put on your chef's hat and try creating a snack that is ALMOST too beautiful to eat! Bonus points if it's all healthy! Check out Canada's food guide for more information on healthy foods.</p> <p>https://food-guide.canada.ca/en/</p>	<p>Comic Strip:</p> <p>The world is experiencing something never seen before, and as we practice social distancing and participate in home learning, many interesting and hilarious "events" are being experienced by individuals and families. Take a few minutes to think about the last 64 days. Are there any funny</p>	<p>Shuffle Dance Challenge</p> <p>Mr. Mac is currently in the process (long arduous process) of learning the double running man shuffle dance for tik tok.</p> <p>I am challenging students to learn the shuffle dance. With parental permission you can share it on tiktok or simply</p>	<p>Logic Puzzle: Do you have what it takes to be a logic master? Not everyone does. Logic puzzles were invented by writer Lewis Carroll and developed further by mathematician Raymond M. Smullyan. Both created puzzles that tested people's deductive reasoning skills. Read the clues, uncover the information, and solve the puzzle. You can email</p>	<p>Virtual Olympics 2020:</p> <p>Sad that the Summer Olympics have been postponed until 2021; don't be upset any longer! ASD – N is creating a fun way to get families together and hold our own virtual Olympics. Starting May 25th, they will be posting virtual "Olympic" Challenges for you and your family to participate</p>



or interesting moments / experiences that stuck with you? Any stories that you will share long after the pandemic has ended? Pick one event or memory that you have and create a comic strip to tell the story. You could simply draw and compose your own comic. Or you could, use the link posted below, which will bring you to a website that you could use to create one. You can try it for free for a period of 7 days I believe. You could also create yourself an account if you would prefer. Once your comic is completed you could share with us or even with friends or family. Have fun sharing your unique experiences / memories with others. 😊

<https://edu.pixton.com/solo>

enjoy mastering the dance off camera. Below you will find a link to a tutorial to the dance.

<https://www.youtube.com/watch?v=rmyGID9MiOw>

PS: Mr. Mac is still working on this with his two left feet.

me your answer and I'll let you know if you are a logic puzzle master.

<http://drhs.nbed.nb.ca/ms-k-harquail/document/agility-competition-logic-puzzle>

in. All you must do this week is simply watch the promo video (click the link below) and register to participate! Let the fun begin!

<https://safeshare.tv/x/oMIZFvtR9w#>